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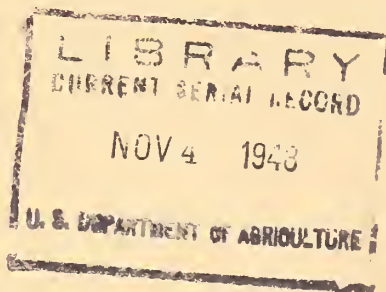
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PLANTING AND HARVESTING DATES IN LATIN AMERICA



By

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PLANTING AND HARVESTING DATES

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PLANTING AND HARVESTING DATES IN LATIN AMERICA

A compilation of planting and harvesting dates in Latin America has long been needed, especially for research workers in the field of agriculture. The present listing is intended as a first step in bringing together the available data in one place. Completeness of the information given varies from country to country, both for number of commodities and for the regional break-down within a country. Most of the Latin American countries are mountainous so that growing conditions vary with altitude. In some cases the different seasons within a country are not available in sufficient detail to permit showing them separately.

The material given here has been obtained from files of the Office of Foreign Agricultural Relations, consular reports, and personal contacts with commodity and regional specialists. It has also been checked with agricultural attaches in the field and in several cases with the directors of the cooperative agricultural stations in the countries concerned. Because of the scarcity and unreliability of certain data, however, this compilation is not presented as definitive. Future revisions will be made as corrections, additions, and omissions are called to our attention by those who use the data.

Along with data on planting and harvesting seasons, information on rates of planting in the Latin American countries has been gleaned from all available sources. Since this information is pertinent, though incomplete, it is included with the compilation on planting and harvesting dates.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>ARGENTINA</u>		
<u>Beverages</u>		
Yerba Mate (plants).....	May-August	March-September
<u>Cereals and Grains</u>		
Barley.....	May-August	November-January
Birdseed	May-August	November-January
Corn	October-December	March-June
Millet	October-December	March-June
Oats	May-August	November-January
Rice	September-December	March-June
Rye	May-August	November-January
Wheat	May-August	November-January
<u>Feedstuffs</u>		
Alfalfa	March-April	January-April (seed)
Broomcorn	October-December	March-June (seed)
Sudan grass	October-December	March-June (seed)
Other sorghums	October-December	March-June
<u>Fibers</u>		
Cotton	September-November	February-July
Hemp	September-October	February-March
Jute	September-November	April-June
<u>Fruits</u>		
Apples	May-August	December-May
Apricots	May-August	November-January
Bananas	September-November	All year
Cherries	May-August	November-January
Grapes	May-August	January-May
Lemons	April-August	All year
Mandarins	April-August	April-October
Oranges	April-August	April-October
Peaches	May-August	December-February
Pears	May-August	December-April
Plums	May-August	December-February
Quinces	May-August	December-February
Strawberries	April-August	September-December
<u>Oilseeds</u>		
Castor-beans.....	September-October	February-May
Cottonseed	September-November	February-July
Flaxseed	May-September	November-January
Peanuts	October-December	March-May
Sunflower	October-December	March-June
Rape	May-August	November-January

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>ARGENTINA (Cont.)</u>		
<u>Miscellaneous crops</u>		
Hops.....	September-November.....	March-April
<u>Sugarcane</u>	June-October	June-September
<u>Tobacco</u>		
(seedbeds)	August-September.....	- -
(transplanting)	October-November	February-May
<u>Vegetables</u>		
Asparagus	August-October	November-February
Beans	September-January	April-May
Beets	All year	All year
Cabbages	All year	All year
Cantaloups	August-October	March-June
Cucumbers	July-January	December-April
Eggplant	September-January	January-April
Garbanzos	August-September	December-January
Garlic	February-May	December-May
Lettuce	All year	All year
Mandioca	August-October	March-August
Onions	September-November	December-March
Peas	June-September	November-January
Peppers	June-September	December-May
Potatoes		
(early)	June-July	October-November
(semi-early)	July-August	November-December
(semi-late)	October-November	March-June
(late)	January-February	May-July
Radishes	All year	All year
Squash	September-December	December-April
Sweetpotatoes	September-November	April-June
Tomatoes	July-February	November-July
Turnips	All year	All year
Watermelons	August-October	January-March

BOLIVIA

Cereals and Grains

Barley

Zones:

Cold (High Altiplano)..... August-December

Temperate (7,200-11,800 ft.) Almost none planted - -

Corn

Zone:

Temperate (7,200-11,800 ft.) August 15-November 15 .. April-May

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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BOLIVIA (Cont.)

Oats (Very little in Bolivia)	--
Winter Wheat (Almost none in Bolivia)	--
Other Wheat		

Zone:

Temperate (7,200 - 11,800 ft.).. September-November May-July

Quinoa

Zone:

Altiplano August-September .. February-April

Vegetables

Potatoes

Zones:

Altiplano August-December March-August

Temperate (6,000 - 10,000 ft.)... September-November.. April-July

Sugarcane November May

BRAZIL

Beverages

Cacao -- December & September

Coffee

São Paulo, Paraná, and Goiaz October May-September

Minas Gerais and Rio de Janeiro.. October April-August

Espírito Santo October March-August

Cereals and Grains

Barley

Rio de Janeiro, Minas Gerais, & (March-May

São Paulo (2 crops) (January-February ...

Paraná, Santa Catarina, Rio

Grande do Sul March-May

Corn

Amazonas, Pará, and Acre January-February ...

Maranhão January-March

Piauí December-February ..

Ceará, and Rio Grande do

Norte..... December-January ... June-November

Paraíba, Pernambuco, and

Alagoas December-February ..

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
BRAZIL (Cont.)		
<u>Cereals and Grains (Cont.)</u>		
<u>Corn (Cont.)</u>		
Sergipe	December-January	--
Bahia	December-March	--
Minas Gerais.....	September-November...	March-April
Espírito Santo, Rio de Janeiro		
Goiáz, and Mato Grosso	September-December...	March-April
São Paulo	September, December-..	March-April
	January	
Paraná and Santa Catarina	(September, December-January	March-April
Rio Grande do Sul	August-November	December-January
	December-January	April-May
	October-November	February-March
<u>Mandioca</u>		
North Brazil.....	January-May.....	July-November
South Brazil	August-December	February-June
<u>Oats</u>		
Minas Gerais	March-May	—
	October-November	
São Paulo	March-April-May	--
	October-November	
Paraná, Santa Catarina, and		
Rio Grande do Sul	March-April	—
<u>Rice</u>		
Pará, Acre, Maranhão, Amazonas,	--	
Piauí, Ceará, Rio Grande do		
Norte, and Paraíba	February-April	5 months after sowing
Pernambuco, Alagoas, Sergipe,		
Bahia	March-May	do
Espírito Santo, Rio de Janeiro,		
and Minas Gerais	September-December ..	do
Goiáz, Mato Grosso.....	September-December ..	do
São Paulo	August-September	do
	December-January	
Paraná, Santa Catarina, Rio		
Grande do Sul	September-December ...	do
<u>Rye</u>		
Rio de Janeiro, São Paulo	March-May	do
Paraná	April-May	do
Santa Catarina, Rio Grande do		
Sul	May-June	do
Wheat	March-July	September-January

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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BRAZIL (Cont.)

Feedstuffs

Cowpeas and Soybeans
(central and southern

States)... October-February

Fibers

Cotton

Para' January & April (annual)... August-October

Maranhão January-August (annual
and tree types) June-January

Piauí November-April (annual
and tree types) June-December

Ceará January, February, May,
June (annual & tree types) August-December

Rio Grande do Norte December-May (tree type)... July-November

Paraíba December-June (annual
and tree types)..... July-January

Alagoas January-September (annual
and tree types) September-April

Pernambuco February-May (annual and
tree types) August-January

Sergipe March-May (annual and
tree types) October-December

Bahia April-June, October-
December (annual and
tree types) (March-May,
November-December)

Amazonas May, October-December
(annual) June-August, November

Minas Gerais September-December (annual
and tree types) April-September

São Paulo and Parana' ... September-November (annual). April-June

Goiáz and Mato Grosso... September-December
(annual & tree types) April-August

Rio de Janeiro October-December (annual)... April, June, July

Fruits

Pineapples

Pernambuco October-February September-January

Paraíba November-February August-December

Alagoas September-January September-January

Bahia December-March November-February

Amazonas January-December January-December

Para' January-April July-October

Maranhão January-April August-October

Ceará February-March September-December

Rio de Janeiro April-July October-January

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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BRAZIL (Cont.)

Fruits (Cont.)

São Paulo	January-April.....	December-April
Paraná	August-October	December-March

Sugarcane

Northeast (Lowlands)	June, July, November-.... January	September-November (following year) November-January
(Uplands)	May-June	15-18 months later
Southern	September-October	September-October
	January-March	15-18 months later

<u>Seeding</u>	<u>Transplanting</u>	<u>Harvesting season</u>
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Tobacco

Bahia	March-May	April-July.....	August-January
Minas-Gerais	January-March ...	February-May.....	June-October
São Paulo	August-November..	September-January	January-June
Santa Catarina	July-September ..	August-November..	December-April
Rio Grande do Sul...	August-September.	September-Novem- ber	January-April

<u>Planting season</u>	<u>Harvesting season</u>
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Vegetables

Beans (first crop)

Amazonas	May-January	—
Paraná	October-November	—
Acre	November-February	—
Maranhão	October-November	—
Piauí	October-February	—
Ceará	January-February	—
Rio Grande do Norte	December-March	—
Paraíba, Pernambuco, Alagoas, Sergipe, and Bahia	April-May.....	—
Espírito Santo	December-January	—
Rio de Janeiro, Minas Gerais, Goiás, Mato Grosso, and São Paulo	January-March	—
Paraná, Santa Catarina, and Rio Grande do Sul	January-February	—

Beans (second crop)

Paraná and Maranhão	February-May	—
Paraíba, Pernambuco, Alagoas, Sergipe, and Bahia	December-January	—
Espírito Santo	August-September	—
Rio de Janeiro	September-October	—

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
BRAZIL (cont.)		
<u>Vegetables (Cont.)</u>		
Beans (second crop)		
Minas Gerais	September-November	--
Goiáz, Mato Grosso, and São Paulo.....	September-December	--
Paraná, Santa Catarina, and Rio Grande do Sul.....	September-October	--
Potatoes (first crop)		
Ceará and Paraíba.....	January.....	--
Alagoas and Sergipe	April-May	--
Bahia	March-April	--
Espírito Santo, and Rio de Janeiro	January-March	--
Minas Gerais, Goiás, and Mato Grosso.....	February-April.....	--
São Paulo	February-April	--
Paraná, Santa Catarina, and Rio Grande do Sul.....	January-March	--
Potatoes (second crop)		
Paraíba	March	--
Bahia	July-August	--
Espírito Santo, Rio de Janeiro, Minas Gerais, Goiáz, Mato Grosso, and São Paulo.....	September-November	--
Paraná, Santa Catarina, and Rio Grande do Sul.....	September-October	--
Rio Grande do Sul		
Onions	--	November-February
Cauliflower	--	May-June
Cabbage	--	June-August
Lettuce	--	June-August
Peas	--	September-January
Tomatoes	--	September-January

CHILE 1/

Cereals and Grains

Barley	April-September	November-January
Corn	September-December	March-April
Oats	May-October 2/	December-February 2/

- 1/ Planting and harvesting seasons in Chile's central agricultural zone which includes the Provinces of Aconcagua through Bio-Bio (unless otherwise noted)
- 2/ Planting and harvesting seasons in Chile's southern agricultural zone, Molleco through Chiloe.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
CHILE (Cont.)		
<u>Cereals and Grains (cont.)</u>		
Rice	September-October.....	March-April
Rye	May-September 2/	January-March 2/
Wheat	May-September 2/	January-March 2/
<u>Feedstuffs</u>		
Alfalfa	March-April and	3 or 4 cuttings
	August-October	
Red clover	August-October 2/	February 2/ (for seed)
Purple vetch	May-July	November-January
Soybeans	October-November	January-February
<u>Oilseeds</u>		
Canary seed	August	December
Flaxseed	May-August	October-November
Hempseed	August-October	December-March
Sunflower seed	September-November	March
<u>Miscellaneous crops</u>		
Tobacco		
Seedbeds	July-August	--
Transplanting	October-November	December-January
<u>Vegetables</u>		
Artichokes	April-May and August-..	September and
	October	March
Asparagus	May-July	August-October
Beans	September-December	February-April
Beets	Throughout year	--
Broadbeans	March-August	September-November
Cabbage	Throughout year	--
Carrots	Throughout year	--
Celery	Throughout year	--
Chickpeas	June-August	November
Chili peppers	August-September.....	December-February
Cucumbers	October	March
Garlic	April-September	December-March
Lentils	April-November	December-January
Melons, honeydew	October-November	January-March
Onions.....	August-February	January-February
		May-June
Peas	May-October	September-December

2/ Planting and harvesting seasons in Chile's southern agricultural zone, Molleco through Chiloé.

Country and commodity	Planting season	Harvesting season
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CHILE (Cont.)

Vegetables (Cont.)

Potatoes	June-November	March-April
Spinach	January-June,	2 months after
	August-September	planting
Squash	September-November	February-March
Sweetpotatoes	October-November	March-April
Tomatoes	August-October	December-March
Watermelons	September-November	February-March

COLOMBIA

Beverages

Cacao	June, October-December..	January-September
Coffee (large harvest):		
Antioquia	---	October-December
Caldas	---	October-December
Santander	---	October-December
Magdalena	---	October-December
Coffee (small harvest):		
Antioquia.....	---	April-June
Caldas	---	April-June
Santander	---	April-June
Magdalena	---	---
Coffee in other districts ...	---	April-June

Cereals and Grains

Corn

Atlántico	April, September-.....	July, December- January
Bolívar	April, September-.....	July, December- January
Magdalena	April, September-	July, December- January
Santander	February-March	August-December
Santander de Norte	February-March	August-December

Rice

Atlántico	June-July	October-November
Cauca River Valley (lower)	May-August	August-October (main crop) March- April (20% of crop)
San Jorge Valley	---	October-November
Sinu Valley	---	December-February (main crop) July (25% of crop)
San Onofre	May-August	December-January
Magdalena	January-February	May-October
Antioquia-Turbo	March-April	October-December
Antioquia interior	January-February	August-September

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>COLOMBIA (Cont.)</u>		
<u>Cereals and Grains (Cont.)</u>		
<u>Rice (Cont.)</u>		
Cauca River Valley (upper).....	March-September	July-August, January-February
Santander	March-April	--
<u>Wheat</u>		
Boyacá	March-May	October-May
Cundinamarca	February-March,	August-October
	June	December
<u>Fibers</u>		
<u>Cotton</u>		
Coast regions	April or August	Begins February
<u>Sesame (2 crops)</u>	March and September ...	August and January
<u>Sugarcane</u>	--	October-July
<u>Tobacco</u>		
Santander	March and October	July and February
Valle del Cauca	March-April	July-August
Tolima	March-April	July-August
Bolívar	--	September-February
Antioquia	October-November	April-May
<u>Vegetables</u>		
<u>Beans</u>		
Antioquia	August-September	February-March
Caldas	January-February	June-July
(Cauca River Valley)	March-September	June, November
<u>COSTA RICA</u>		
<u>Beverages</u>		
Cacao (Intermediate crop).....	--	May-June
(Main crop)	--	October-January
Coffee	--	October-March
<u>Cereals and Grains</u>		
<u>Corn</u>		
Línea Vieja (325-985 ft.)		
1st crop (principal).....	February	June-July-August
2d crop	August	November-December- January
San Carlos (325-985 ft.).....	May	September
Cartago (4590-5900 ft.)	January	December-January
Heredia (4265-4920 ft.)	March	December

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>COSTA RICA (Cont.)</u>		
<u>Cereals and Grains (Cont.)</u>		
<u>Corn (Cont.)</u>		
Zarcero (4920-5900 ft.).....	March-May	December-January
Orotina (325-650 ft.)	March-April, May	July-September
Nicoya (985-1640 ft.)	March-April, May	August-September
El General (1965-2625 ft.)		
1st crop	March-April.....	September-October
2d crop	September	January
Rice (1st crop)	April-June.....	August-September
(2d crop- principal)	July-August	November-December
Limón and Línea Vieja	March	September
San Carlos	May	September-October
Turrialba	April-May	September-October
Escazú-Santa Ana	April-May	August-November
Atenas	June-July	October-November
Esparta	April	September-October
Acosta	March-April	August-September
Nicoya	April-May	October
Liberia	April-May	September-October
Tilarán	May	September-October
El General	March-April & August..	July-August and December-January
<u>Fibers</u>		
Abacá (Atlantic coast only) ...	--	Throughout year
Cotton	July	January
<u>Forest Products</u>		
Ipecac root	--	Throughout year
<u>Oilseeds</u>		
Peanuts	July-August	October-December
Sesame seed	September	January
Cottonseed	July	January
<u>Miscellaneous crops</u>		
Sugarcane	May-September	December-May
Tobacco (seedbeds)	June-July	--
(transplanting)	August-September.....	January
<u>Vegetables</u>		
<u>Beans</u>		
Turrialba (1st crop).....	November-December	February-March
(2d crop)	April-May	July-August
San Carlos.....	January-February	May
Paraíso (1st crop).....	May	August
(2d crop).....	September-October	December-January

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
COSTA RICA (Cont.)		
<u>Vegetables (Cont.)</u>		
<u>Beans (Cont.)</u>		
Atenas (1st crop)	April-May	July
(2d crop)	August-September	December
Acosta (1st crop)	April-May	July
(2d crop)	August-September.....	November-December
San Ramón (1st crop)	April-May	July-August
(2d crop)	July-August	November-December
Nicoya	September	December
Liberia	October	December
Tilarán (1st crop).....	January-February	May
(2d crop)	September	January-February
El General (1st crop)	March-April	July-August
(2d crop)	September-November...	December-January
<u>Potatoes</u>		
Cartago (Volcán)(1st crop)	April-May	August-September
(2d crop)	November-December...	February-March
Zacero	April-May	August-September
CUBA		
<u>Beverages</u>		
Cacao (main crop)	April-September.....	November-January
(2d crop)	—	April-June
Coffee	April-September	—
Oriente	—	July-February
Las Villas	—	June-February
Trinidad	—	Begins September
<u>Cereals and Grains</u>		
Corn (main crop)	April-June	August-September
(2d crop)	August-September	December-February
Rice	March 15-June	August-November
<u>Fibers</u>		
Henequen	All year	All year after 4- year growth.
<u>Fruits</u>		
Avocados	April-September	June-September
Bananas (rootstocks)	March-April	All year, after 1- year growth
(shoots)	May-July	
Grapefruit	April-September	August-March
Oranges	April-September	October-June
Pineapples (criollos)	March-May	Throughout
(hijos)	August-September.....	year; main crop,
(coronas)	August-September	April-June

Country and commodity	Planting season	Harvesting season
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CUBA (Cont.)

Oilseeds

Peanuts (main crop)	March 15-May	August-October
(2d crop)	August	December

Miscellaneous crops

Sugarcane (main crop)	March 15-June	January-June 15
(2d crop)	September-October ...	--
Tobacco (seedbeds)	August-September ...	--
(transplanting)	October-December	January-March

Vegetables

Beans, dry (principal)	August 15-October ...	November 15-December
(secondary)	January	--
Beans, lima, fresh	September-November ..	January-May
Cucumbers	September-December ..	November 15-April
	(in field)	
Eggplant	September-December ..	November 15-April
	(in field)	
Onions (seed)	August-September	February-March
(sets)	October	--
Peppers	September-December...	November 15-April
	(in field)	
Potatoes (red)	September 15-November	December-February
(white)	January-February	March 15-May
Sweetpotatoes (principal).....	August-December	September-December
(secondary).....	April-June	3/
Tomatoes	September-December...	November 15-April
	(in field)	
Yuca (edible)	October-May	April-December
(industrial)	October-May	November-May

DOMINICAN REPUBLIC

Beverages

Cacao (main crop)	--	October-April
(second crop)	--	September-August
Coffee (high elevations)	--	November-March
(lowlands)	--	October-December

Cereals and Grains

Corn (first crop)	March-April	June-July
(second crop)	August-September	December

3/ Some growers plant and harvest sweetpotatoes all year.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
DOMINICAN REPUBLIC (Cont.)		
<u>Cereals and Grains</u> (Cont.)		
Rice (main crop)	August-October	January-March
(second crop)	February-April	August-September
<u>Feedstuffs</u>		
Grain Sorghum	November	March
<u>Fruits</u>		
Bananas (transplanting)	March-December	May-February
Citrus	Throughout year	Throughout year
Pineapples	March-September	April-October
Plantains	March-December	Throughout year
<u>Oilseeds</u>		
Peanuts	Throughout year	—
	August-September <u>4/</u>	July-January <u>4/</u>
<u>Miscellaneous crops</u>		
Sugarcane	March-October	January-June <u>5/</u> June-September <u>6/</u>
Tobacco - seed	August-September	—
Plants set out	October-November	December-February
<u>Vegetables</u>		
Beans (lowland)	October-December	January-March
(mountains)	May-September	July-November
Potatoes (lowland)	November-January	February-April
(mountains)	April-July	July-September
Yuca (lowland)	January-May	August-June
	August-October	
(mountains)	June-July	August-June
Chickpeas	Throughout year	Throughout year
Sweetpotatoes	September-January <u>4/</u>	November-December February-March <u>4/</u>

4/ Heaviest planting and harvesting takes place during these months.

5/ Principal crop, grown in southern part of country

6/ Northern section of country.

Country and commodity	Planting season	Harvesting season
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ECUADOR

Beverages

Cacao

Arriba

Los Rios Prov.

Guayas Prov.

Large harvest	March-May
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Intermediate harvest	July-November
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Christmas harvest	December-January
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Machala 7/	May-July
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Bahia 7/	May-July
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Esmeraldas 7/	January-August
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Coffee	July-November
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Cereals and Grains

Litoral Provinces

Broomcorn	January	September
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Corn	December-January	May-June
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Rice (winter)	December-January	May-June
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(summer)	June	September-December
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Sierra Provinces

Barley (11,150 ft.)	November	July
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(9,840, ft.)	December	July
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(8,200 ft.)	January	July
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(off season)	August	January-February
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Corn	September-December	—
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Oats	December	August
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Quinoa

(Otavalo region)	July-August	November-December
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Wheat - Marquis

(9,840 ft.)	November	July
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(8,200 ft.)	January	July
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Wheat - African

(8,200 ft.)	January	June
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Feedstuffs

Alfalfa (Sierra)	October-December	Throughout year
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Sorghum	April-May	—
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Fibers

Cotton (Litoral)	December-January	July-October
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(Sierra)	November	June-August
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Cinchona	—	—
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Kapok	—	August-November
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7/ Cacao takes its name from region where harvested.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>ECUADOR (Cont.)</u>		
<u>Fibers (Cont.)</u>		
Tagua (near rivers) .....	—	.....December-July
(inland) .....	—	.....June-December
<u>Fruits</u>		
Apples .....	—	.....February-April
Bananas .....	—	.....Throughout year
Capulies .....	—	.....December-March
Chirimoyas .....	—	.....March-August
Coconuts .....	—	.....Throughout year
Figs .....	—	.....Throughout year
Granadillas .....	—	.....March-May
Grapes .....	—	.....January-April
Mangos .....	—	.....October-February
Naranjillas .....	—	.....May-October
Oranges (Valencia) .....	—	.....October-January
(Washington Navel) .....	—	.....May-June
Peaches .....	—	.....February-March
Pears .....	—	.....February-April
Pineapples .....	—	.....February-May August-October
Plums .....	—	.....February-March
Strawberries .....	—	.....February-August December
<u>Miscellaneous Crops</u>		
Anis	January-March	.....July-September
Sugarcane .....	—	.....July-December
Tobacco - Litoral		
Seedbeds	February- —
Transplant-upland	May	.....July
" -lowland	June	.....August-September
<u>Vegetables</u>		
Sierra Provinces		
Beans	January-March —
Lentils	July-August	.....November-December
Ocas	July-August	.....November-December
Potatoes		
Irrigated	July	.....January
Nonirrigated	October	.....April
Sweetpotatoes	January-March —
Ullucos	July-August	.....November-December

EL SALVADOR

Beverages

Coffee (seedbeds).

February

—

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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EL SALVADOR (Cont.)

Beverages (Cont.)

Coffee (Cont.) (transplanting).....	May	October-March
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Cereals and Grains

Corn		
Winter harvest	May	August-September
Summer harvest	September-October	November-February
Rice	June-July	October-November
Wheat	June, September	October-November January-February
Grain sorghum	May-June	November-December
(grain)		

Feedstuffs

Grain sorghum	May-June	July-August
(forage)		

Fibers

Cotton	July 1-August 30	December-January
Henequen	November-April	After 3 years first harvest is April- May, 2nd November- December.

Oilseeds

Peanuts	August	November
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Miscellaneous crops

Sugarcane (cuttings)	November-December	Starts 12 months after planting and continues until May or June.
Tobacco		
Seedbeds	June-July	—
Transplanting	August-September	November-December

Vegetables

Beans	August-September	December
Potatoes	Throughout year	Throughout year
Sweetpotatoes	August	November-December

GUATEMALA

Beverages

Coffee (field plantings of seedlings).....	April-May	September-November (lower elevation)8/ February-April (higher elevation)8/
8/main harvests; coffee ripens throughout the year.		

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
GUATEMALA (Cont.)		
<u>Cereals and Grains</u>		
Corn (first crop up to 5,500 ft.)	April-June	August-September
(first crop over 5,500 ft.)	March-May	October-January
(2d crop up to 4,000 ft.)	September-November ...	January-March
Grain sorghum	May-June	August-September
(following corn)	October-January	January-April
Rice	May-June	October-December
Wheat	May-July	October-November
		(lower elevations)
		December-January
		(higher elevations)
<u>Feedstuffs</u>		
Grain sorghum (for fodder)	May-June	August-September
	October-January	January-April
<u>Fibers</u>		
Cotton	April-May	November-January
<u>Fruits</u>		
Bananas - Atlantic coast	June-July	June-July 9/
Pacific coast	April-May	April-May
<u>Oilseeds</u>		
Peanuts	April-July	—
Valencias	—	November
Virginia	—	November-December
Spanish	—	November-December
<u>Miscellaneous crops</u>		
Sugarcane (cuttings)	April-May	November-March
Tobacco		
Zacapa (plants set out)	October-January	February-May
Chiquimula " " "	October-January	February-May
Santa Rosa " " "	November-January	February-May
Guatemala " " "	July-September	October-January
Jutiapa, Jalapa, and El Pro-		
greso	May-August	August-October
<u>Vegetables</u>		
Sweetpotatoes (slips)	February-March	November-December 10/

- 9/ A field of bananas when first planted will produce its first crop in about 12 months, after which harvesting is continuous throughout year.
- 10/ Crop is produced throughout the year.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
HAITI		
<u>Beverages</u>		
Coffee	April-May, September	September 1-March
<u>Cereals and Grains</u>		
Corn (mountains)	April	October-November
(plains)	April-August	August-September
Rice	April-May	September-November
(south coast)	April-May	August-September
Millet	July	December-March
<u>Feedstuffs</u>		
Bengal beans	April-May	—
Kudzu	May-June	—
	August-September	
<u>Fibers</u>		
Cotton	April-May	December-May
Sisal	April-November	Begins 3 yrs. after planting
<u>Insecticides</u>		
Pyrethrum		
Seedbeds	April-May	—
Transplanting	November	—
<u>Fruits</u>		
Avocados	April-May	June-November
	September-October	
Bananas	December-January	Throughout year
	April-May, September	
Breadfruit		
Northern region	September-October	—
Other regions	April-May	—
Cirton	March-April	Throughout year
	September-October	
Coconut	April-May	Throughout year
	September-October	
Limes	September-October ...	—
Mangos		
Cape, Northern region	September-November ..	June-August
Other regions	April-May	June-August
Sweet orange	September-October ...	—
Papaya	April-May	Throughout year
	September-October	
<u>Oilseeds</u>		
peanuts	April-August	90-120 days later
<u>Miscellaneous crops</u>		
Chili- pepper	April-May	Throughout year
	September-October	

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
HAITI (Cont.)		
<u>Miscellaneous crops (Cont.)</u>		
Sage	March-April	---
Vanilla	April-May	---
	September-October ..	---
Tobacco (seeding)	August-September ..	---
(transplanting)	October-November ..	December-February
<u>Vegetables</u>		
Artichokes (mountains)	April-June	January-August
Kidney beans (mountains)	April, September ...	June, July, November-December
(plains)	November-December..	February-March
Lima beans	April	September-October
Cabbage (mountains)	April	August-March
(plains)	September-December.	January-March
Cantaloup (plains)	April-May	August-November
Cassava ^{11/}	April-June	18-24 months later
Cauliflower (mountains)	September-December.	January-April
Eggplant	April-June	Throughout year
Garlic	September-October..	---
Lettuce (mountains)	April-May	---
(plains)	September-December.	---
Onions	September-December.	---
(high elevations)	March-April	---
Congo peas	Perennial (principal in April)	All year (principal September-October)
Cowpeas	April	September-October
Potatoes	March-April	---
	September-October	---
Tomatoes	September-January..	---
Watermelon	March-April	---

HONDURAS

Cereals and Grains

Rice	April-May	September-December
Corn	---	---
Kafir corn	---	---

Miscellaneous crops

Tobacco (seeding)	---	---
(transplanting)	October-November ..	March-April

^{11/} Called mandioca in Brazil.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>MEXICO</u>		
<u>Beverages</u>		
<u>Coffee</u>		
Sierra de Puebla, Villalta, Petapa, Tenango Uruapan	Seedbeds sown in February. Transplanting takes place 2 yrs. later in June-September December-March	
Las Huastecas, Pachutla, Soconusco, Camala	" "	"....November-February
Coatepec, Córdoba, Pichucalco, Oteyas de Alvarez	" "	"....October-January
<u>Cereals and Grains</u>		
Barley	(October-December (May-July	(April-May (October-November
<u>Corn</u>		
Yucatán .....	--	..... April
Central States 12/.....	June	October-December
Pacific and Gulf coast	November-December	April-May
Nuevo León, Tamaulipas, San Luis Potosí, Hidalgo ...	--	..... July
<u>Rice</u>		
Sonora 12/.....	June-August	November-December
Morelos	April	September-October
Michoacán .....	--	..... May-June
Wheat	September-January	April-June
<u>Oilseeds</u>		
<u>Castor-beans</u>		
Oaxaca (1st yr. planting) ...	--	..... March-April
(2d yr. planting) ....	--	..... November-December
Nayarit, Tamaulipas, Campeche, San Luis Potosí .....	--	..... March-April
Coconut palms .....	--	..... Throughout year
Flaxseed	-- --
Sonora	November-December.....	April-May
Peanuts	June	October-November
Sesame 13/(first crop)	December-January	April-June
(second crop)	June-July	October-December
<u>Fibers</u>		
<u>Cotton</u>		
Laguna	February-April	August-October
Mexicali	March-May	September-December
Matamoros	February-April	July-September
Juárez	April-May	September-November

12/ Principal growing region.

13/ Grown largely in Guerrero, Michoacán, and Sinaloa.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
<u>MEXICO (Cont.)</u>		
<u>Fibers (Cont.)</u>		
<u>Cotton (Cont.)</u>		
Delicias	February-March	September-October
Don Martín	February-March	July-August
Sonora and Nayarit	August-September	December-January
Sinaloa	March	October
Gulf coast	June-September	December-May
<u>Fruits</u>		
Oranges	—	October-June
Pineapples	--	May-July
<u>Miscellaneous crops</u>		
Sugarcane	—	--
Tobacco		
Nayarit (seeding)	October-December	--
(transplanting)	December-March	April-June
<u>Vegetables</u>		
Beans	--	Throughout year August-October <u>14/</u>
Chickpeas	October-December	February-June
Lima beans	--	November-December
Tomatoes		
Sinaloa	September-December....	January-April
Chili peppers	(plants)	
Sinaloa	August-October(seeds).	January-April
Peas		
Sinaloa	October-November	December-May
String beans		
Sinaloa	October-November	April-August
Eggplants		
Sinaloa	October-November	January-April
Onions	July-April	Throughout year (transplanting)
<u>NICARAGUA</u>		
<u>Beverages</u>		
Cacao	August-September	November-December
Coffee	--	November-February
<u>Cereals and Grains</u>		
Corn (first crop)	May	August-September
(second crop)	September	December-January
Rice	June-July	November-February
Wheat	July	November-February

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
NICARAGUA (Cont.)		
<u>Feedstuffs</u>		
Sorghum	September-October	December-January
<u>Fibers</u>		
Cotton	July-August	January-February
<u>Fruits</u>		
Bananas	--	Throughout year
Pineapples	July-August	May-June
<u>Oilseeds</u>		
Peanuts	May-August	November-February
Sesame	July-September	November-February
<u>Miscellaneous crops</u>		
Sugarcane	May-June	February-March ^{15/}
Tobacco (seeding)	July	--
(transplanting)	September	December-January
<u>Vegetables</u>		
Beans (first crop)	May-June	August
(second crop)	August-September	December-January
Cabbage	Throughout year	Throughout year
Onions	November	February
Potatoes (first crop)	May	August
(second crop)	November	February
PANAMA		
<u>Cereals and Grains</u>		
Rice (first crop)	May-June	August-September
(second crop)	September-October	December-January
<u>Fruits</u>		
Oranges	--	January-March (peak production)
<u>Miscellaneous crops</u>		
Sugarcane	--	December-May
<u>Vegetables</u>		
Cabbage	--	May-October
Celery	--	December-September
Eggplant	--	March-May
Green beans	--	March-May

^{15/} Plantation 2 years old and over are harvested November-January.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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PANAMA (Cont.)

Vegetables (Cont.)

Head lettuce	---	December-September
Okra	---	March-May
Peppers	---	March-May
Potatoes	May-June	August-September
	October-November ...	January-February
Tomatoes	---	March-May
Watermelon	---	March-May

PARAGUAY

Cereals and Grains

Barley	---	December
Corn	---	February-March
Wheat	---	November

Fibers

Cotton	August-December	January-May
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Oilseeds

Peanuts (2 crops)	September-October, ..	December-February
	December-January	
	March-May	

Miscellaneous crops

Sugarcane	---	May-November (crushing season)
Tobacco (seedbeds)	August-September	---
(transplanting)	September-October ...	December, February- March

PERU

Cereals and Grains

Corn	<u>16/</u>	---
Rice	October-March	May-August
Wheat	October-December,	June-August- September
	March-May	

Fibers

Cotton <u>17/</u> Valleys		
Chira	October-November	July-November
	January-March	

16/In the irrigated valleys of the coast, corn can be planted practically any time water is available; and it matures in 3 or 4 months. In the high altitudes certain varieties mature within 60 days.

17/Cotton is perennial in most of the coastal valleys. The bulk of the crop is picked by June.

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
PERU (Cont.)		
<u>Fibers (Cont.)</u>		
<u>Cotton (Cont.)</u>		
Piura	January-March	July-November
Chimbote, Samanco	--	February-May
Casma, Huarmey	June-November	February-May
Pativilca, Barranca,		
Supe, Chancay, Huacho	June-November	March-September
Lima, Mala, Cañete	--	April-September
Santa	June-November	April-July
Pisco	--	May-September
Ica, Palpa, Nazca (first crop) ..	December-February ...	May-November
(second crop)	May-June	February-April
Chincha (first crop)	December-February ...	June-September
(second crop)	May-June	February-April
<u>Fruits</u>		
Apples	--	February-May
Avocados	--	October-April
Bananas	--	Throughout year
Capulis	--	December-February
Cerezas (cherries)	--	January-February
Chirimoyas	--	May-September
Coconuts	--	Throughout year
Dates	--	May-June
Figs	--	January-February
Granadillas	--	June-October
Grapes	--	January-March
Grapefruits	--	Throughout year
Guanabanas	--	May-September
Guavas	--	July-September
Limes	--	Throughout year
Lucumas	--	November-March
Mangoes	--	December-April
Melons	--	December-March
Mulberries	--	September-October
Nisperos	--	August-October
Olives	--	August-September
Oranges (navel)	--	July-November
(other)	--	March-November
Pacays	--	June-October
Papayas	--	Throughout year
Peaches (white)	--	January-April
(yellow)	--	August-December
Pears	--	February-May
Pepinas	--	August-March
Pineapples	--	Throughout year

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
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PERU (Cont.)

Fruits (Cont.)

Plums	--	June-December
Pomegranates	--	February-May
Quinces	--	February-May
Strawberries	--	August-February
Tamarinds	--	Throughout year
Tangerines	--	February-October
Tunas	--	January-March
Watermelons	--	December-April

Miscellaneous crops

Sugarcane	All year	18-20 months after planting
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Vegetables

Broadbeans	--	August-December
Cucumbers	--	August-March

URUGUAY

Cereals and Grains

Barley	July-August	December-January
Birdseed	July-August	December-January
Corn	October-December	April-May
Oats	July-August	December-January
(Summer crop)	January-February	--
Rice	September-October ...	March-June
Rye	July-August	December-January
Wheat	June-August	November-January
(for pasture)	January-February	--

Feedstuffs

Sudan grass	October-November	April (seed)
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Fruits

Apples	--	March-May
Apricots	--	December-January
Grapefruit	--	June-September
Grapes	--	February-March
Lemons	--	All year
Oranges	--	May-October, December
Peaches	--	December-February
Pears	--	March-May

<u>Country and commodity</u>	<u>Planting season</u>	<u>Harvesting season</u>
URUGUAY (Cont.)		
<u>Oilseeds</u>		
Flaxseed	July-August	November-December
Sunflower seed	October-December ,...	April-May
Peanuts	October-December	April-May
<u>Vegetables</u>		
Potatoes (summer crop)	August-October	December-March
(autumn crop)	January-March	April-June
VENEZUELA		
<u>Beverages</u>		
Coffee	--	September-January
<u>Cereals and Grains</u>		
Corn (main crop)	May	October
(irrigated crop)	December	June-July
Rice	April	August-September
<u>Fibers</u>		
Cotton	June-July	December-January
<u>Oilseeds</u>		
Peanuts	September	February
Sesame	September	December-January
Soybean (edible)	May	August
<u>Miscellaneous crops</u>		
Sugarcane	--	November-May
Tobacco (seedbeds)	August-September	--
(transplanting)	October-November	January-February
<u>Vegetables</u>		
Beans	September	December-January
	April	July-August
Corn (sweet)	September	December
Onions	September	December
Sweetpotatoes	August-September	December-January
Tomatoes	January	March-April
Yuca ^{18/}	May	March

^{18/} Called mandioca in Brazil, cassava in Haiti.

RATES OF PLANTING IN LATIN AMERICA

<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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ARGENTINA

Beverages

Yerba Maté (plants)	800 - 900 plants
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Cereals and Grains

Barley	1.1 - 1.7 bushels
Birdseed	18 - 27 pounds
Corn	0.2 - 0.5 bushel
Millet	11 - 16 pounds
Oats	2.0 - 2.5 bushels
Rice	1.6 - 3.0 bushels
Rye	1.1 - 1.4 bushels
Wheat	0.9 - 1.5 bushels

Feedstuffs

Alfalfa	0.27 - 0.33 bushel
Broomcorn	9 - 11 pounds
Sudan grass	0.34 - 0.67 bushel

Fibers

Cotton	0.6 - 0.9 bushel
Hemp	1.6 - 2.0 bushels
Jute	9 pounds

Fruits

Apples	40 - 113 plants
Apricots	83 - 162 plants
Bananas	283 - 809 plants
Cherries	83 - 162 plants
Grapes	253 plants (for table) 1,012 - 2,833 plants (for wine)
Lemons	63 - 83 plants
Mandarins	83 plants
Oranges	63 plants
Peaches	83 - 162 plants
Pears	63 - 113 plants
Plums	113 plants
Quinces	253 - 1,012 plants
Strawberries	40,470 - 48,563 plants

Oilseeds

Castor-beans	1,012 - 1,214 plants
Cottonseed	0.6 - 0.9 bushel
Flaxseed	42 pounds

Country and commodity Rate of planting per acre

ARGENTINA (Cont.)

Oilseeds (Cont.)

Peanuts	40 - 50 pounds (without shell)
	62 - 71 pounds (with shell)
Sunflowers	5 - 9 pounds
Rape	18 - 22 pounds

Miscellaneous Crops

Hops	648 - 1,763
Sugarcane	Rows separated by 6.5 ft.

Tobacco

Transplanting	4,047 - 6,070 plants
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Vegetables

Asparagus	16,188 - 18,211 plants
Beans	62 pounds
Beets	9 - 18 pounds
Cabbage	16,188 - 18,211 plants
Cantaloups	3,238 - 3,642 plants
Cucumbers	6,070 - 8,094 plants
Eggplant	16,188 plants
Garbanzos	40 - 45 pounds
Garlic	312 - 357 pounds
Lettuce	161,878 - 202,347 plants
Mandioca	4,047 - 8,094 plants
Onions	16,188 plants
Peas	40 - 71 pounds
Peppers	8,094 - 10,117 plants
Potatoes	
(early)	15 - 19 bushels
(semi-early)	15 - 19 bushels
(semi-late)	15 - 19 bushels
(late)	15 - 19 bushels
Radishes	27 pounds
Squash	2,023 - 2,833 plants
Sweetpotatoes	13,760 - 15,378 plants
Tomatoes	10,117 - 12,141 plants
Turnips	892 pounds
Watermelons	4,047 plants

BOLIVIA

Cereals and Grains

Barley	
Cold Zone (High Altiplano) ..	2.5 bushels
Corn	
Temperate Zone(7,200-11,800	
ft.)	0.5 bushel
Wheat	1.2 bushels

<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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BOLIVIA (Cont.)

Cereals and Grains (Cont.)

Quinoa

Altiplano Zone 4.5 - 7.3 pounds

Vegetables

Potatoes

Zones

Altiplano 8 - 13 bushels

Temperate (6,000 - 10,000 ft.) 7 - 10 bushels

BRAZIL

Beverages

Coffee 300 trees per acre or
20 seeds per hole

Cereals and Grain

Barley 1.2 - 1.9 bushels

Corn 0.2 - 0.3 bushel

Oats 1.5 - 2.4 bushels

Rice 1 - 3 bushels (upland)
3 - 6 bushels (irrigated)

Rye 1.2 - 1.8 bushels

Wheat 1/4 - 1 3/4 bushels

Feedstuffs

Soybeans 13 - 36 pounds

Fibers

Cotton 5 - 11 pounds (annual)
3 - 4 pounds (tree type)

São Paulo and Paraná 11 - 22 pounds

Fruits

Pineapples 4,050 - 13,380 plants

Vegetables

Beans (first crop) 45 - 54 pounds

(second crop) 45 - 54 pounds

Potatoes (first crop) 2.2 - 9.7 bushels

(second crop) 2.2 - 9.7 bushels

CHILE

Cereals and Grains

Barley 2.6 bushels

Corn 0.5 bushel

Oats 3.8 bushels

Rice 2.4 bushels

Rye 2.4 bushels

Wheat 2.1 bushels

<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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CHILE (Cont.)

Feedstuffs

Alfalfa	0.5 bushel
Red clover	0.3 bushel
Soybeans	0.5 bushel

Oilseeds

Canary seed	15 pounds
Flaxseed	1.2 bushels
Hempseed	3.3 bushels
Sunflower seed	15 pounds

Vegetables

Asparagus	76 pounds
Beans	92 pounds
Beets	31 pounds
Broadbeans	120 pounds
Cabbage	9 pounds
Carrots	3 pounds
Celery	18 pounds
Chickpeas	61 pounds
Chili peppers	20 pounds
Cucumbers	3 pounds
Lentils	57 pounds
Melons, honeydew	16 pounds
Onions	40 pounds
Peas	116 pounds
Potatoes	18 bushels
Spinach	31 pounds
Squash	5 pounds
Tomatoes	62 pounds
Watermelons	6 pounds

COSTA RICA

Cereals and Grains

<u>Rice</u>	
Limón and Línea Vieja	2.2 bushels
San Carlos	0.9 bushel
Turrialba	2.2 bushels
Escazú - Santa Ana	1.8 bushels
Atenas	2.2 bushels
Esparta	1.8 bushels
Acosta	1.0 bushel
Nicoya	1.1 bushels
Liberia	0.9 bushel
Tilarán	2.2 bushels
El General	1.8 bushels

Country and commodity

Rate of planting per acre

COSTA RICA(Cont.)

Fibers

Cotton58 pounds

Oilseeds

Sesame seed0.58 pound

Vegetables

Beans

Turrialba (1st crop)35 pounds

(2d crop)30 pounds

San Carlos30 pounds

Paraiso (1st crop)65 pounds

(2d crop)75 pounds

Atenas32 pounds

Acosta35 pounds

San Ramon50 pounds

Nicoya60 pounds

Liberia90 pounds

Tilaran (1st crop)30 pounds

(2d crop)70 pounds

El General (1st crop)30 pounds

(2d crop)50 pounds

CUBA

Beverages

Cacao275 trees or 6 pounds
of seed

Coffee1,300 trees or 150
pounds of seed

Cereals and Grains

Corn0.2 - 0.3 bushel

Rice1.6 - 1.9 bushels with
drill 0.8 bushel by hand

Fibers

Henequen1,500 plants

Fruits

Avocados70 trees

Bananas200 plants

Grapefruit80 trees

Oranges80 trees

Pineapples6,000 plants

Oilseeds

Peanuts50 pounds

<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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CUBA (Cont.)

Miscellaneous Crops

Sugarcane	2,400 pounds of cane
Tobacco (transplanting)	12,000 plants

Vegetables

Beans, black	30 pounds
Beans, red	50 pounds
Beans, lima	2,200 plants (50 pounds seed)
Cucumbers	2,700 plants
Eggplant	8,000 plants
Onions	40,000 plants
Peppers	9,000 plants
Potatoes	17 bushels
Sweetpotatoes	12,000 plants
Tomatoes	4,200 plants
Yuca	3,700 plants

DOMINICAN REPUBLIC

Cereals and Grains

Corn	0.5 bushel
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Feedstuffs

Grain sorghum	2 pounds
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Vegetables

Beans (lowland)	20 pounds
(mountain)	20 pounds
Potatoes (lowland)	13 3/4 bushels
(mountain)	13 3/4 bushels

EQUADOR

Cereals and Grains

Rice (winter)	41 pounds
(summer)	41 pounds
Oats	1.9 bushels
Wheat-Marquis	1.0 - 1.4 bushels
African	1.0 - 1.4 bushels

Feedstuffs

Sorghum	3 - 4 pounds
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Vegetables

Beans	30 - 32 pounds
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<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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EL SALVADOR

Cereals and Grains

Corn	0.4 - 0.5 bushel for food. As high as 2.1 bushels for forage
Rice	1 bushel
Wheat	1.5 - 1.9 bushels

Feedstuffs

Grain sorghum (forage)	17 pounds
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Fibers

Cotton	32 - 35 pounds
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Miscellaneous

Sugarcane	On poor soil a continuous single row of cuttings is laid in furrows about 4 feet apart. On better soil continuous double rows are spaced 5 feet apart.
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Vegetables

Beans	58 pounds
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GUATEMALA

Cereals and Grains

Corn	0.3 bushel
Grain sorghum	12 pounds
Rice	$1\frac{1}{2}$ - 2 bushels
Wheat	$1\frac{1}{4}$ - $1\frac{3}{4}$ bushels

Feedstuffs

Grain sorghum (for fodder)	60 pounds
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Fibers

Cotton	48 - 64 pounds
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Fruits

Bananas	194 plants
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Oilseeds

Peanuts (Valencias)	32 pounds
(Virginia)	42 pounds
(Spanish)	$28\frac{1}{2}$ pounds

<u>Country and commodity</u>	<u>Rate of planting per acre</u>
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GUATEMALA (Cont.)

Miscellaneous

Sugarcane (cuttings)	Cuttings are spaced 12 inches apart in rows 4 to 5 feet apart.
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Vegetables

Sweetpotatoes (slips)	9,000 - 11,000 slips
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HAITI

Beverages

Coffee	Mostly volunteer plants
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Cereals and Grains

Corn	0.3 - 0.4 bushel
Rice	0.3 - 0.4 bushel
Millet	10 - 20 pounds

Feedstuffs

Kudzu	10 - 20 pounds
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Fibers

Cotton	5 - 10 pounds
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Insecticides

Pyrethrum (seedbeds) (transplanting)	Plants are spaced 18 inches apart in rows 18 inches apart.
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Fruits

Avocado	Mostly volunteer plants
Bananas	400 - 600 plants
Papaya	Plants are spaced 9 feet by 9 feet.

Oilseeds

Peanuts	1 bushel
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Vegetables

Kidney beans	60 - 90 pounds
Lima beans	60 - 90 pounds
Potatoes	20 bushels

MEXICO

Cereals and Grains

Wheat	1 bushel
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Miscellaneous

Tobacco	4.5 pounds of seed or 8,095 plants.
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